

0055

OK Incoming
C/015/0015

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Date: 9/1/2008 7:46 AM
Subject: RE: Emery Subsidence report
Attachments: Emery Subsidence 7-2008.pdf

Attached please find the monthly subsidence report for the Emery Mine.

Thank You,
-Russell

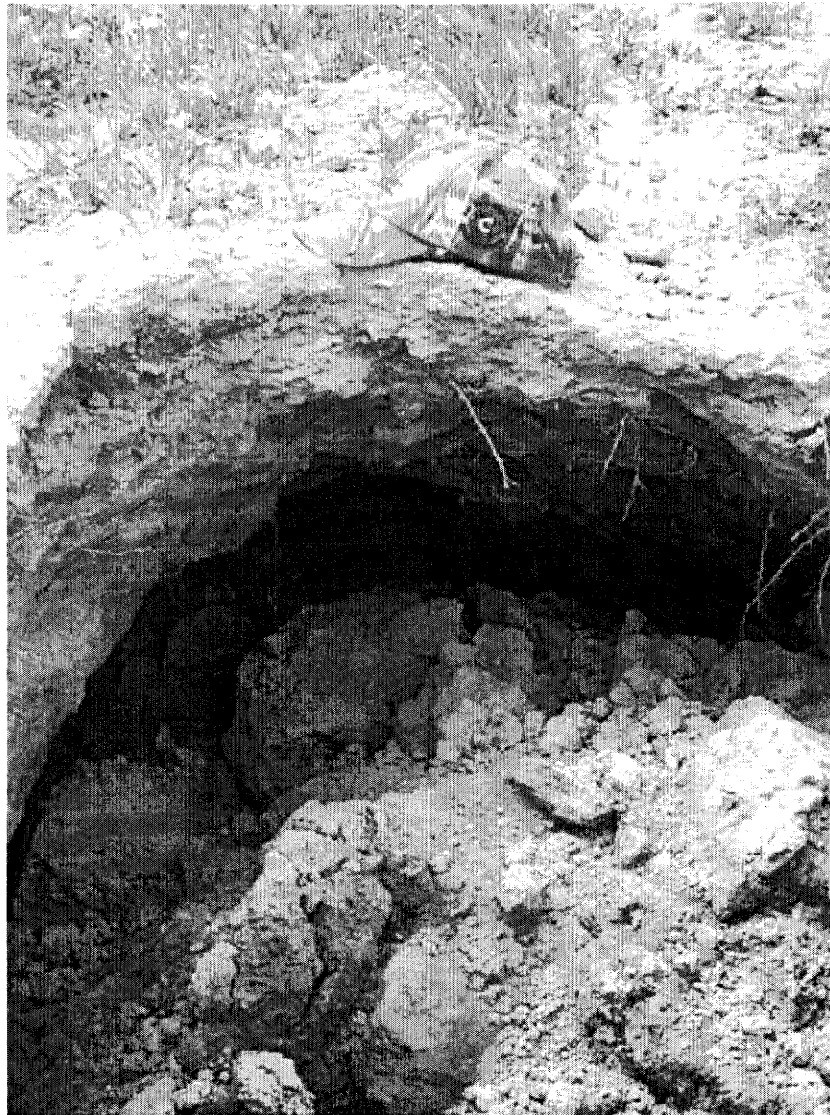
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Consolidation Coal Emery Mine Subsidence Report for July 2008

7-16-08

Panel 14 West – Mr. Carter, the landowner above panel 14 and 15 West, notified the mine that he had found some new sinkholes while working his farm. Three holes were found and pictures of the largest hole (Sinkhole #1) are shown below. This hole measured 3 ½ feet by 4 ½ feet by 3 feet deep. The next sinkhole identified (Sinkhole #2) was half the size of Sinkhole #1 and was located near the same area. The final hole (Sinkhole #3) was located near a previous hole and the measurements were 1 foot by 1 foot by ¾ foot deep. The last photo shows Sinkhole #3. PB



Sinkhole #1



Sinkhole #1



Sinkhole #1



Sink Hole #2



Sink Hole #3

- 7-23-08 0 North – No new cracks found. Some of the smaller cracks are filling themselves in. BH
Panel 6 West – No new cracks found. The area is swampy and being flooded by irrigation runoff. BH
- 8-15-08 0 North – Cracks about 1 inch wide are about 30 yards Southwest of subsidence point 0705. They do not look real new but this is the first time the cracks have been noted. Also, in the old irrigation ditch there are three sinkholes measuring about 2 feet by 2 feet by 1 foot deep. Nothing has shown up where the subsidence zone crosses the old swamp area. PB
Panel 6 West – No new cracks found. The area was covered pretty thick with swamp grass. PB

Below is a summary of the flow data from SP-10 collected by Karla Knoop, from JBR Environmental.

Consol Emery Mine
Panel 14th West
Bryant No. 1
Flow Measurements made at dam
breach
Measurements taken by Karla Knoop

Date	Flow (gpm)
6/13/2007	77
7/24/2007	52
8/28/2007	75
9/20/2007	69
10/19/2007	59
11/15/2007	54
12/17/07	frozen
1/15/08	Flowing under, over & through ice/snow; can't measure, but flow appears to be similar to the November flow rate.
2/26/08	67
3/21/2008	90
4/24/08	35
5/22/08	255
6/25/08	230
7/16/08	355